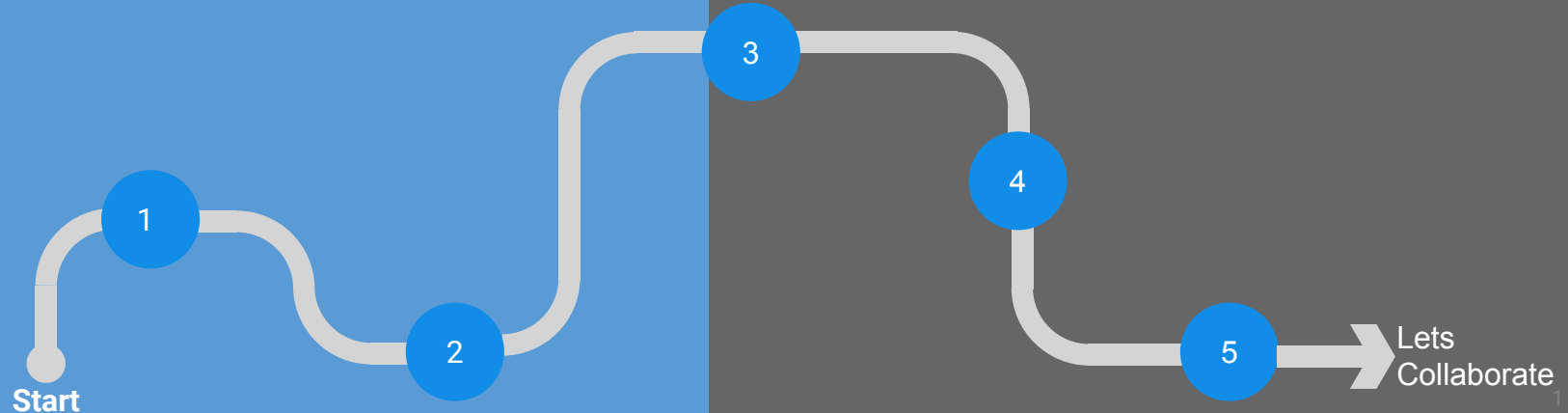
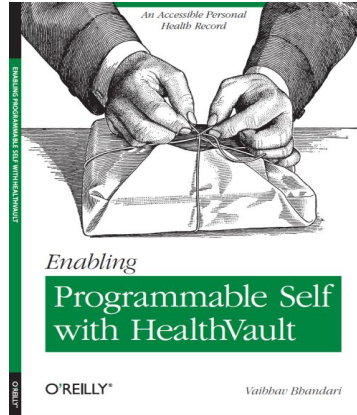


Accelerating CyberSecurity Learning with Bootcamps & Industry Partnerships

1. About Me
2. Cyber Security Learning
3. Cyber Defenders Model
4. Program Feedback
5. Challenges



Who Am I ?



DIRECTOR, PRODUCT, LIB13
AUTHOR, O'REILLY MEDIA
Present: Director, Cyber Defenders
Past: Optum, Microsoft, Daimler Chrysler, UC Santa Cruz, UW
Healthcare Standards work: *Blue Button+ Payer Group, ONC Direct Initial Team, WEDI, CAQH Core, Direct Trust*

TWITTER – @vaibhavb
E-MAIL – vaibhav.bhandari@optum.com
BLOG – <http://healthblog.vitraag.com>
ME – <http://about.me/vaibhavb>



Hobbies: Mixology, Cycling, Hiking, Snowboarding, Mountaineering, Bike Touring

Associations: United States Cycling Federation (USCF) Referee, Asha for Education Volunteer.

Education Challenges

- **80%** Students enters the Community College system at remedial Math level
- Only **4%** make it to Calculus level
- **Employers** want students with high level of math and technical skills and relevant industry work experience
- With **2 million** students the California community college system is nation's largest and backbone for workforce!

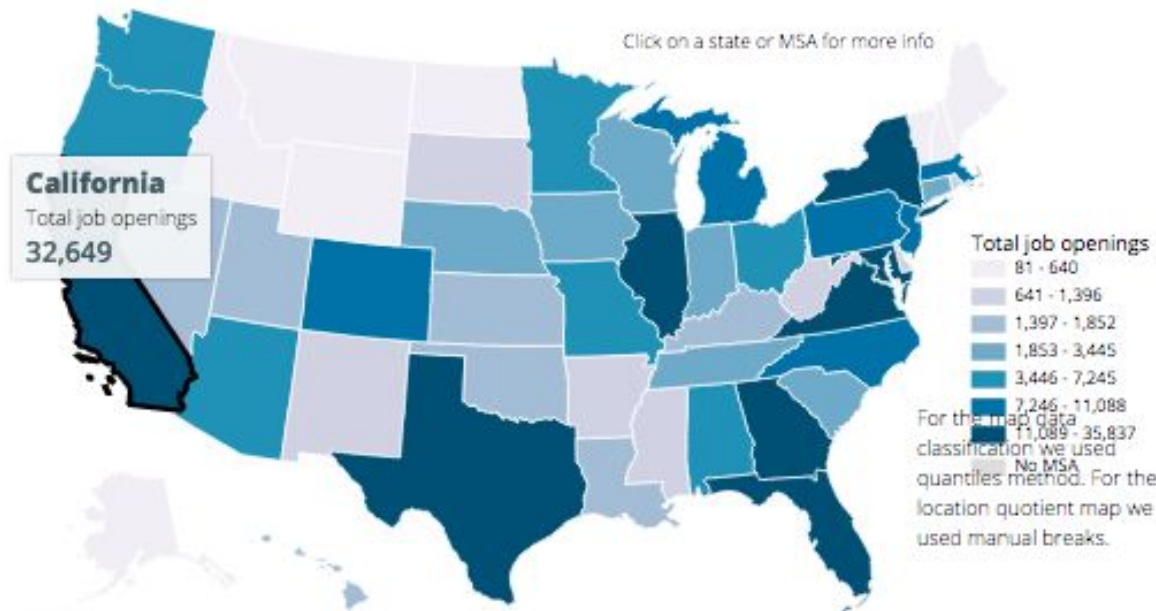
CyberSecurity Talent Gap

Cybersecurity Supply/Demand Heat Map

Cybersecurity talent gaps exist across the country. Closing these gaps requires detailed knowledge of the cybersecurity workforce in your region. This interactive heat map provides a granular snapshot of demand and supply data for cybersecurity jobs at the state and metro area levels, and can be used to grasp the challenges and opportunities facing your local cybersecurity workforce.

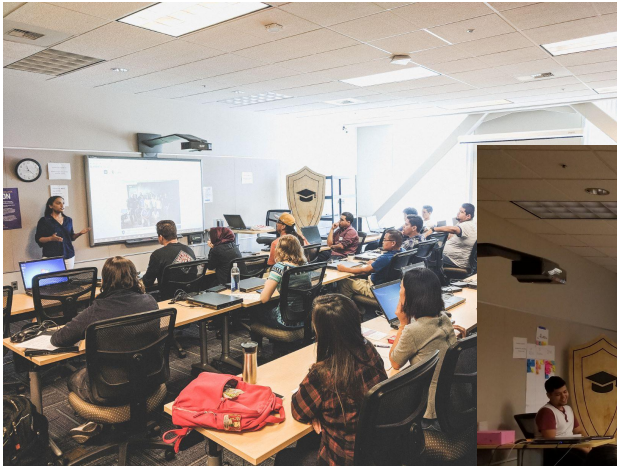
Share

States
Metro Areas
Total job openings



BootCamps

- Introduction to Cyber Security
- Python Programming for Cyber Security
- Red Teaming

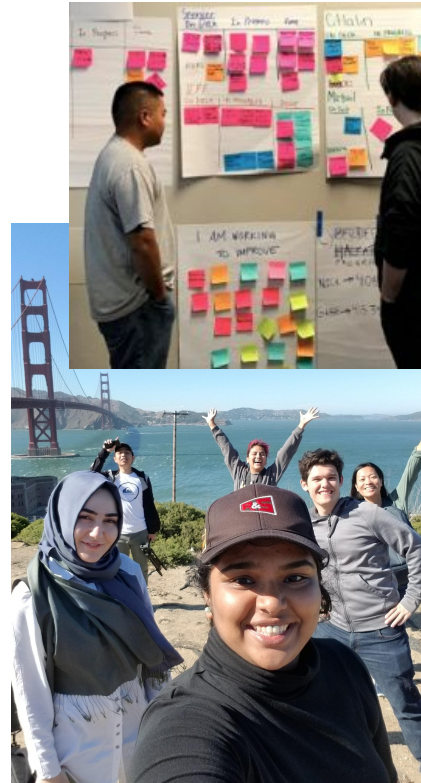


Cyber Defenders
PLEDGE



PROGRAM HIGHLIGHTS

- Immersive Fun Experience
- Agile Methodology
- Open Source Github Contributions
- Bug Crowd & HackerOne Reports
- Demo Day



Industry Partnerships

- Employer Assisted Internship Projects
- Employer Sponsored Hackathons
- Penetration Testing Report



PROGRAM FEEDBACK



"I was almost ready to switch career paths to be a Beautician but Cyber Defenders motivated me and gave me guidance to keep pursuing a technology career track. Thank you!" - Citalin Galvan, Student, SJCC



"I wish I had programs like Cyber Defenders when I was trying to learn Cyber Security" - Caleb Fenton, Security Engineer, SentinelOne

Our Summer 2018 cohort...

20 students coming from five local community colleges

25% women

80% non-white, **40%** Latino/a

95% program completion rate

9 industry guest lectures from experts at Tanium, Symantec, Lawrence Livermore National Lab, and others

19 companies represented as industry partners of the program (mentoring projects, judging at Demo Day, etc)

72% of participants joined a cybersecurity networking group outside of the program

PROGRAM CHALLENGES & OPPORTUNITIES

- We are seeking funding for next cohort
- We would love to collaborate with
 - High School Programs
 - Community development organizations
- How to get in touch?
 - <http://medium.com/cyberdefenders>
 - info@cyberdefendersprogram.com
 - Twitter: @ProgramCyber

